

AMENDMENTS TO THE CLAIMS

Listing of Claims:

Claims 1-36 (Cancelled).

37. (Currently amended) A process for treating a disease in a mammalian subject comprising: a) obtaining cells from said subject; b) treating said cells with an effective amount of reagent that increases the intracellular level of a mammalian intermediary metabolite in said cells; and c) transferring said treated cells to said subject, wherein said intermediary metabolite is a glycolipid, and wherein said disease is cancer, a viral infection, or an autoimmune disease.

38. (Cancelled)

39. (Cancelled)

40. (Currently amended) The process of claim ~~37~~³⁹, wherein said glycolipid comprises a monosaccharide ceramide.

41. (Original) The process of claim 40, wherein said monosaccharide ceramide comprises a glucosyl ceramide and galatosyl ceramide.

42. (Original) The process of claim 37, wherein said transferring step is carried out by intravenous means.

43. (Cancelled)

44. (Cancelled)

45. (Currently amended) The process of claim 37[[44]], wherein said viral infection comprises HBV, HCV or HIV.

46. (Withdrawn, Currently amended) The process of claim 37[[43]], wherein said autoimmune disease ~~immune dysfunction~~ comprises diabetes type I, diabetes type II, rheumatoid arthritis, Crohn's disease, arteriosclerosis and ulcerative colitis.

47. (Currently amended) The process of claim 37, wherein said reagent increases the rate of production of said glycolipid ~~mammalian intermediary metabolite~~ in said subject.

48. (Currently amended) The process of claim 37, wherein reagent decreases the rate of degradation or turnover of said glycolipid ~~mammalian intermediary metabolite~~ in said subject.

49. (Original) The process of claim 37, wherein cells obtained from said subject comprise peripheral blood monocytes (PBMCs), dendritic cells, T cells, stem cells, NK cells, NKT cells and CD1d cells.

Claims 50-62 (Cancelled).

63. (New) The process of claim 40, wherein the viral infection is an HCV infection.

64. (New) The process of claim 41, wherein the viral infection is an HCV infection.